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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/555,512	11/03/2005	Dietmar Gruber	GRUBER ET AL-1 PCT	4362
25889	7590	10/02/2006	EXAMINER	
WILLIAM COLLARD COLLARD & ROE, P.C. 1077 NORTHERN BOULEVARD ROSLYN, NY 11576			LEYSON, JOSEPH S	
			ART UNIT	PAPER NUMBER
			1722	

DATE MAILED: 10/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/555,512	Applicant(s) GRUBER ET AL.	
	Examiner Joseph Leyson	Art Unit 1722	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☒ Claim(s) 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/03/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. The cross reference on page 1 of the specification does not identify the relationship of the prior applications. The examiner suggest replacing the cross reference with the following:

--This application is the National Stage of PCT/AT2004/000199, filed on June 9, 2004, which claims the benefit of Austrian Patent Application No. A 897/2003, filed on June 10, 2003.--.

Specification

2. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

3. The abstract of the disclosure is objected to because it exceeds 150 words.
Correction is required. See MPEP § 608.01(b).

4. The disclosure is objected to because of the following informalities: the brief description of fig. 3 on p. 5 is incorrect. Fig. 3 is along line III-III of Fig. 2 (not Fig. 1).

Appropriate correction is required.

Claim Objections

5. Claim 6 is objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form.

Claim 6 recites that the molding bodies are into the receiving recess which is already claimed in claim 2 which recites that the sealing elements are received in the recess.

Claim Rejections - 35 USC § 112

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 1-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1-8 include numbers in parenthesis which make the metes and bounds of the claims unclear.

Claim 1 recites "for sealing elements (12) which can be inserted" which is indefinite as to whether the sealing elements are being positively claimed. The examiner suggests changing "can be" therein to --are--.

Claim 1 recites "the connecting openings" which lacks antecedent basis making it unclear to what is being referred. The examiner suggests deleting "the" therein.

Claim 4 recites "can carry inserts" which is indefinite as to whether the inserts are being positively claimed. The examiner suggests deleting "can" therein.

Claim 5 recites "can optionally be sealed by an insert" which is indefinite as to whether the insert is being positively claimed. The examiner suggests changing "can optionally be" therein to --is--.

Claim 6 is indefinite. Claim 6 appears to be missing a verb and/or other subject matter.

Claim 7 recites "a filling element can be inserted" which is indefinite as to whether the filling element is being positively claimed. The examiner suggests changing "can be" therein to --is--.

Allowable Subject Matter

8. Claims 1-8 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, and/or any objections, set forth in this Office action.

9. The following is a statement of reasons for the indication of allowable subject matter: the prior art of record does not teach or reasonably suggest the apparatus as recited by instant claims 1-8, particularly including the coolant bores extending transversally to the form nose and crossing its cooling channel, the cooling channel being open on both face sides, the cooling channel being connected via the continuous slot with the receiving recess for the sealing elements which are inserted from the open face sides and form the connecting openings for the flow connection between the cooling channel and the associated coolant bores, and the receiving recess penetrating

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the calibrating body in the direction of passage and extending into the region of the coolant bores.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Purstinger (U.S. Patent 6,296,464), KossI (U.S. Patent 6,682,330) and KossI (U.S. Patent 6,814,559) are cited as of interest to show the state of the art.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph Leyson whose telephone number is (571) 272-5061. The examiner can normally be reached on M-F 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gupta Yogendra can be reached on (571) 272-1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



JL



ROBERT DAVIS
PRIMARY EXAMINER
GROUP 1800 / 200

9/29/06